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AGRICULTURAL LIBRARIES INFORMATION NOTES

National Agricultural Library

U.S. Department of Agriculture
Beltsville, Md. 20705

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OCLC at NAL

by
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OCLC Coordinator,
NAL
(301) 344-3728

OCLC (OCLC Online Computer Library Center, Inc.) is a "not-for-profit computer library service and research organization whose principal business is providing centralized and local turnkey systems to libraries." The primary objectives of OCLC, as stated in the corporation's charter, are to increase the availability of library resources and to reduce the rate-of-increase of library costs per unit by establishing and operating a computerized library network which would improve cooperation among libraries and further access to and use of "the ever-expanding body of worldwide scientific, literary, and educational knowledge and information."

OCLC was founded in 1967 as the Ohio College Library Center with the stated purpose of promoting cooperation among academic librarians in Ohio. The OCLC shared-cataloging system was automated in 1971 and became available online. Membership in OCLC began to expand beyond the borders of Ohio, and by 1977 the corporation had become national in membership and outlook. The name was abbreviated to OCLC to reflect this development. In 1981, the name was changed again, this time to OCLC Online Computer Library Center, Inc., and OCLC continues to grow and expand in international activities.

The products and services offered by OCLC have expanded as the company and membership have grown. Today, the OCLC database, the Online Union Catalog, contains approximately 9 million MARC bibliographic records created by the cooperative cataloging of the 3,300 member libraries. The Online Union Catalog is based on the specifications of MARC II bibliographic formats and follows the standards set by the Anglo-American Cataloging Rules, 2nd ed. (AACR2). The database includes bibliographic records for monographs, serials, audio visuals, maps, manuscripts, music scores, and sound recordings.

In addition to the Online Union Catalog, OCLC online system offers additional services such as online acquisitions, serial control and union listings, cataloging, interlibrary loan, and access to a name-address directory consisting of libraries, library vendors, and related institutions. OCLC cooperates with other library associations such as Association of Research Libraries (ARL), Research Libraries Group (RLG), Council of Library Resources (CLR), and with the Library of Congress on projects such as CONSER and the LC name-authority file.

Plans for the future include development of a circulation control system, subject access to the Online Union Catalog (perhaps as a local function), public access and use of the system, local

automated systems to permit independent processing by member libraries, and use of micro-computers for access to the OCLC database, for batch processing and to enhance the OCLC services and reduce library costs. Libraries use OCLC online systems to reduce the manual, repetitive tasks associated with obtaining and processing library materials and to share cataloging information and communicate loan requests, as well as to produce accession lists, catalog cards, and magnetic tapes, and to create an online record of ordering and serial check-in activities.

The National Agricultural Library (NAL) began using the OCLC online cataloging system in 1974. The decision to join OCLC was based on several factors: the Federal Library Committee (FLC) was urging Federal libraries to use OCLC and was providing OCLC with a grant to develop dial access to the OCLC computer (which made participation by USDA field libraries possible); interest in OCLC shown by other Federal libraries, particularly the National Library of Medicine (NLM); OCLC agreed to produce NAL cataloging records on magnetic tape instead of on catalog cards. NAL was the first OCLC customer to request and to receive magnetic tapes in lieu of catalog cards and this technological development has become increasingly valuable to the membership of OCLC as well as to NAL, because use of tapes for bibliographic information enables libraries to integrate internal automated systems.

NAL uses the weekly OCLC magnetic tapes to produce catalog cards and the National Agricultural Library Catalog published by Littlefield, Adams. Cataloging records on the magnetic tapes are loaded on the monthly AGRICOLA tapes distributed by National Technical Information Service. The OCLC tapes are converted by NAL for internal use by SAMANTHA (a textual information processing system) and are stored in the Catalog Master File for archival purposes. The OCLC tapes are also used to create the online catalog (DataPhase System ALIS II).

The OCLC online catalog is created by the cooperative cataloging of participating member libraries. The database grows at a rate of 25,000 bibliographic records a week. Twenty-five percent of the records are added by batch loading of tapes from the Library of Congress and the National Library of Medicine, and the other 75 percent are added by online entry from individual libraries, including NAL. A library searches the online catalog for a bibliographic record to match the publication being cataloged. If a bibliographic record is located the library uses the record, modifying the record as necessary for local purposes, and attaching the library symbol to the record's holding list. If there is no bibliographic record in the online union catalog, the library produces an "original" cataloging record and inputs it into the system. An OCLC member library typically finds 94 percent of its cataloging records in OCLC.

The National Agricultural Library shares cataloging records with the other OCLC libraries. Because of the specialized nature of the collection, only approximately 35 percent of NAL's cataloging is based on records found in the OCLC database; 65 percent is not

found in OCLC and is input as original cataloging by NAL. Much of NAL's original cataloging is in foreign languages. Sharing cataloging expertise with other libraries is a significant saving of effort for the National Agricultural Library. However, NAL "modifies" every record found in OCLC by adding the NAL classification number and various search keys: the AGRIS codes and subject category codes.

OCLC is a national online bibliographic system based on MARC II formats and national cataloging rules and standards, and the National Agricultural Library (as an OCLC participant) follows these national standards and formats for cataloging. As a national library, NAL has several "tags" in the MARC formats reserved for its special use, such as tag 070 (the NAL call number field). Unfortunately, tag 070 is retained only in bibliographic records input originally by NAL and not in records "modified" by NAL. The lack of the NAL call number on many NAL bibliographic records is a limitation of the OCLC database from NAL's point of view.

The National Agricultural Library has been participating in the OCLC Serial Control Subsystem since 1976 when NAL began creating serial check-in records online. Participating libraries using the check-in subsystem are able to maintain holding statements automatically. Use of the subsystem involves creation and maintenance of local data records that contain local serial information, such as call number, routing, holdings. Local data records (LDRs) must have a corresponding bibliographic record for the serial title in the Online Union Catalog. Local data records are now available online for some of the NAL-owned serial titles and plans are being made to add the remaining serial file to the OCLC database in the next few months. This major project will necessitate the creation of many bibliographic serial records as well as local data records:

OCLC is working on developing enhancements for the Serial Control Subsystem which will improve the retrievability of local data records and introduce the automatic claiming function. Searching the local data records will be password-specific which will speed up the somewhat cumbersome check-in system.

Recently, NAL agreed to join the CONSER project as an active participant and to begin producing and inputting serial catalog records in OCLC following national cataloging standards, cooperating with the Library of Congress and other research and academic libraries and OCLC.

The Lending Section of NAL (and the D.C. Branch) searches the OCLC database to identify and verify citations requested by patrons and to locate bibliographic information for publications owned by NAL. If NAL does not own a requested publication, the OCLC online system is used to identify other libraries "holding" the requested material. The holdings information is valuable for

the interlibrary loan operations. The interlibrary loan request is then sent by NAL through the OCLC interlibrary loan subsystem to other "holding" libraries. Although NAL's use of the OCLC interlibrary loan system has been limited, OCLC member libraries transacted 1.2 million interlibrary loans in 1981-1982. The interlibrary loan subsystem is being used to order documents from Chemical Abstracts Service and the subsystem may be used to order replacement issues of journals from the University Serials and Book Exchange (USBE).

The National Agricultural Library was a test site for the interlibrary loan subsystem when it was introduced in 1979, and NAL has used the system to borrow (but not to lend) publications since that date. In 1983 NAL changed its interlibrary loan status with OCLC from "Non-supplier" to "Supplier" and is working on an interlibrary loan policy especially suited to the OCLC system.

The Acquisitions Section at NAL began using the OCLC Acquisitions Subsystem in 1981. The Acquisitions Section searches the OCLC database to verify citations and collect additional order information (publisher, address, price), and then uses the subsystem to place orders with book vendors, to process receipts and record payments. All titles on order by NAL are searchable on the OCLC Acquisitions Subsystem which includes information concerning the order (date ordered, request source, vendor, publisher, price, fund allocation status, special information, status of order). In 1982 all serial subscription titles were input into the OCLC Acquisitions Subsystem to be used for annual renewals. Use of the OCLC Acquisitions Subsystem to order publications enables the NAL staff to identify titles currently ordered by NAL as well as titles cataloged by NAL.

Usually the NAL Order Unit will find a bibliographic record in the OCLC online catalog to which NAL appends the ordering information. NAL instructs OCLC to send the order to the book vendor. NAL maintains current acquisitions information only in the OCLC online system and does not keep a backup paper file of orders and receipts. For retrospective purposes, NAL uses print-outs prepared by OCLC of acquisition transactions. The Acquisitions Section eventually hopes to input all temporary records of titles received into the OCLC system so that all titles currently on order or received (by way of Exchange and Gift and Blanket Order arrangements) will be searchable online prior to being cataloged. OCLC system enhancements, especially the use of microcomputers, make the inputting of temporary records a future possibility at NAL.

Many of the USDA field libraries, Food and Nutrition Information Center (FNIC), and the National Arboretum Library use OCLC for cataloging, producing catalog cards and accession lists, and interlibrary loans. The bibliographic records input by the field libraries are included on NAL semi-annual tapes and are stored for archival purposes. The field libraries rely heavily on OCLC as a searching aid and as a source of bibliographic information on titles to be ordered, cataloged, or borrowed.

Member libraries in the OCLC system interact with OCLC through their network offices. The Federal library community is served by the Federal Library Committee Network Office (FEDLINK) which provides technical support and training, transfers funds between the libraries and OCLC, arranges service contracts at reduced rates, monitors fiscal activities, arranges GSA regulation compliance agreements for the purchase and installation of OCLC equipment, arranges workshops and user group meetings.

The National Agricultural Library uses the OCLC online system to search, verify, order, receipt, renew, catalog, check-in, lend and borrow publications. OCLC produces the National Agricultural Library's bibliographic records on magnetic tapes which NAL uses to produce various paper products, the AGRICOLA tapes, and an online catalog and circulation system. OCLC supports internal technical processing at NAL and enhances the library's cooperation with other libraries, through shared cataloging and interlibrary loans.

In the Assessment of the National Agricultural Library: Final Report to the Secretary (1982), the Interagency Panel on the National Agricultural Library specifically recommended that "NAL make maximum use of technology as applied to libraries and information management to increase productivity and reduce costs." The Panel stated that "NAL should continue its current arrangements with Online Computer Library Center (OCLC) and should continue working with OCLC management and staff to insure the timely and widespread availability of bibliographical data for agricultural materials."

As if in response to the Panel, OCLC President Rowland Brown wrote in the OCLC Annual Report of 1981/1982 that OCLC is not only strengthening the system to meet current user needs, but is also engaged in long-range strategic planning. He elaborated that OCLC strategic planning is focused in several areas: "database enhancement; telecommunications network enhancement; interlibrary lending extensions, including electronic document delivery; reference system development; and development of stand alone local library systems integrated with our (OCLC) central online system."

OCLC technological innovations and plans are developing in the same direction as the National Agricultural Library's automation needs. Use of the OCLC system to support internal processing and external networking efforts will help the National Agricultural Library fulfill its stated mission which is that "The National Agricultural Library (NAL) serves as the Nation's chief agricultural information resource...The NAL provides a leadership role in U.S. participation in international agricultural library and information systems and in efforts to promote worldwide availability of agricultural information." 

DIRECTOR NAMED FOR USDA'S NATIONAL AGRICULTURAL LIBRARY

Joseph H. Howard is the new director of the U.S. Department of Agriculture's National Agricultural Library.

Howard's appointment was announced June 14 by Orville G. Bentley, USDA assistant secretary of agriculture for science and education. The new director had been acting director of the library since last December. At the same time, he served as assistant librarian (processing services) of the Library of Congress.

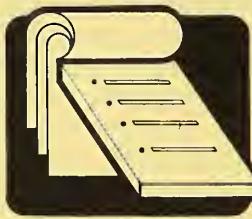
With 1.7 million volumes, the National Agricultural Library is the largest of its kind in the free world. It is one of three national libraries along with the Library of Congress and the National Library of Medicine.

A native of Olustee, OK, Howard received a bachelor's degree from the University of Oklahoma in 1952. After serving with the U.S. Army for 2 years and teaching from 1954 to 1956 in the Kiowa (Kansas) public schools, he returned to the University of Oklahoma, where he received a master's degree in library science in 1957.

Howard served with the University of Colorado libraries from 1957 to 1963. In March 1963 he entered the Peace Corps and directed the public services division of the University of Malaya in Kuala Lumpur.

In July 1965, Howard became the chief of the catalog department at Washington University Libraries, St. Louis, MO. In 1967, he joined the Library of Congress as assistant chief of the descriptive cataloging division. He was promoted to chief of that division in 1968; in 1972, he was appointed chief of the serials records division; and in 1975 assistant director (cataloging) before becoming assistant librarian (processing services) in 1976.

Howard lives in Washington and is a member of the American Library Association. In 1982, he served on the interagency panel which assessed the National Agricultural Library. He is the author of "Malay Manuscripts--A Bibliographic Guide." 



NEW SERIALS RECEIVED AT NAL

SUGAR SERIES. Amsterdam, New York: Elsevier Scientific Pub. Co. Irr. 1 (1981)-

TP375.S943

PARASITIC DISEASES. New York, Marcel Dekker. Irr. Vol. 1 (1981)-

RC119.P3

WATER RESEARCH TOPICS. Chichester, England, E. Horwood Ltd. for the Water Research Centre; New York, NY: Halsted Press (distributor). Irr. Vol. 1 (1981)-

201.W326

DEVELOPMENTS IN DAIRY CHEMISTRY. London; New York: Applied Science Publishers. Irr. 1 (1982)-

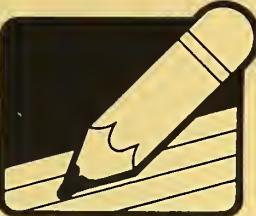
SF253.D4

PLANT GROWTH REGULATION. The Hague; Boston: Martinus Nijhoff/Dr. W. Junk. q. Vol. 1, No. 1 (1982)-

OK745.P56

MARKET COMMENTARY. Ottawa, Ont., Commodity Market Analysis Division of the Marketing and Economics Branch, Agriculture Canada. q. June (1982)-

HD9424.C2C4 



NAL PROJECTS AND POLICIES

ARID LANDS

A cooperative agreement to create a data file is being negotiated with the University of Arizona. Part of the SAHEL Bibliographic Bulletin records at Michigan State University will be incorporated into the file. An AGRIS search resulted in a tape which has been ordered from the AGRIS Processing Center in Vienna, Austria.

-- Wallace C. Olsen, Chief
Field & Special Programs
Division, NAL
(301) 344-3834

MICROFILM OF AGRICULTURAL DOCUMENTS

Agreement has been reached to film the land-grant agricultural publications of Purdue University and the University of Missouri. Purdue University will serve as the coordinator. Positive interest has been expressed by the Southern land-grants in filming agricultural publications for the period following 1969.

-- Wallace C. Olsen, Chief
Field & Special Programs
Division, NAL
(301) 344-3834

OCLC SERIAL CONTROL SUBSYSTEM INPUT

Overtime funds were received in May to increase the input of check-in records in the OCLC Serial Control Subsystem. Approximately 2,910 titles were searched in OCLC in order to attach the AGL holding symbol to the bibliographic record in OCLC. In May, 2,077 check-in records, including multiple copies, were created for those titles found in OCLC as part of this project. Since

1976, a total of 17,643 check-in records, including multiple copies for 15,697 titles, have been input into the OCLC Serial Control Subsystem.

-- Leslie Kulp, Chief
Resource Development
Division, NAL
(301) 344-3825

USE OF ELECTRONIC MAIL

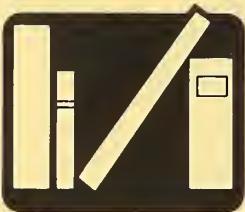
The National Agricultural Library (NAL) is strengthening and improving its communications capabilities through the use of several national and international electronic mail systems.

Electronic mail provides immediate user-to-user contact for message transmission without regard to the previous obstacles of time zone differences or geography. NAL is presently utilizing three electronic mail systems: CLASS (California Library Authority for Systems and Services), COMET (COMputer MEssage Transmission), a trademark of Computer Corporation of America, and DIALCOM Incorporated.

NAL is now exploring the possibility of accepting requests for documents, AGRICOLA database searches, and for receiving reference and general inquiries over the electronic communications network. Other channels of communications may also be established.

The three electronic mail systems all have the capability for sending and receiving messages. Filing, forwarding, editing, and even proofreading are also systems capabilities. Each system, CLASS, DIALCOM, and COMET offers some unique services; and each has its own intended audience. But all three systems can be accessed directly or indirectly both nationally and internationally through either the TELNET, TYMNET, or UNINET communication networks after sign-on with a personal identification number and password.

-- Eugene M. Farkas, Head
Educational Resources, NAL
(301) 344-3778 



NEW BIBLIOGRAPHIES

ANNOTATED BIBLIOGRAPHY OF THE GEOLOGY OF NORTH DAKOTA, 1960-1979. Mary Woods Scott. North AT/TA Geological Survey. Grand Forks, ND, North Dakota Geological Survey, 1981. 287 p. (Miscellaneous Series No. 60.) Price unavailable. Order from NDGS. (NAL Call No.: Z6034.USN9)..

RESOURCE CONSERVATION AND RECOVERY: CURRENT REPORTS. Washington, D.C., U.S. Environmental Protection Agency, 1980. 32 p. \$4.50 paper; microfiche \$3.00. Order from NTIS, 5285 Port Royal Road, Springfield, VA 22151. (NAL Call No. Z7914.R2R4).

SALUS: LOW COST RURAL HEALTH CARE AND HEALTH MANPOWER TRAINING: AN ANNOTATED BIBLIOGRAPHY WITH SPECIAL EMPHASIS ON DEVELOPING COUNTRIES. Vol. 7. Rosanna M. Bechtel. Ottawa, International Development Research Centre, 1981. 142 p. (IRDC No. 165E.) Price unavailable. Order from IDRC, P. O. Box 8500, Ottawa, Canada K1G 3H9. ISBN 0889362904. (NAL Call No.: Z6675.R9B4).

SILVICULTURAL EFFECTS ON WILDLIFE HABITAT IN THE SOUTH: AN ANNOTATED BIBLIOGRAPHY, 1953-1979. Richard F. Harlow and David H. Van Lear. Clemson, S.C., Clemson University, College of Forest and Recreation Resources, 1981. 30 p. (Technical Paper/Clemson University, Dept. of Forestry, No. 14.) Free. Request from publisher. (NAL Call No.: SD356.52.S6T4 No. 14).

VENEZUELAN EQUINE ENCEPHALITIS (JAN. 78-MAY' 81). 61 citations from the IRL Database. Storrs, CT, New England Research Application Center. (PB 81-862906.) Price Code: PC No. 1 MF N01. Order from NTIS, U.S. Department of Commerce, 5285 Port Royal Road, Springfield, VA 22151. (NAL Call No.: Z6664.E55V4).

QUICK BIBLIOGRAPHIES

The bibliographies in this series are primarily computerized online or batch bibliographies emanating from searches performed by the NAL Reference Staff in response to customer requests. Searches are selected for inclusion based on the currency of the topic, interest among clientele, relative length, and probable value to a larger audience. Revisions or updates will be renumbered and reannounced. Only one copy of a title will be sent; however, requestors may make copies. To request a copy of a Quick Bibliography send the title, series number, and a return addressed label to:

Reference Section, Room 111
National Agricultural Library
Beltsville, MD 20705

NAL--Q.B.--83-29. SALT TOLERANCE IN PLANTS, 1980-1983. 195 citations from AGRICOLA. Searched by Jayne MacLean. May 1983.

NAL--Q.B.--83-30. JOJOBA, 1979-1983. 110 citations from AGRICOLA. Searched by Henry Gilbert. May 1983.

NAL--Q.B.--83-31. HYDROPONICS/NUTRIENT FILM TECHNIQUES, 1979-1983. 94 citations from AGRICOLA. Searched by Henry Gilbert. May 1983.

NAL--Q.B.--83-32. VEGETABLE GARDENING, 1979-1983. 217 citations from AGRICOLA. Searched by Jayne MacLean. May 1983.

NAL--Q.B.--83-33. HERB GARDENING, 1970-1983. 169 citations from AGRICOLA. Searched by Jayne MacLean. May 1983.

NAL--Q.B.--83-34. APPROPRIATE TECHNOLOGY FOR RURAL DEVELOPMENT; 1970-1983. 179 citations from AGRICOLA. Searched by Maria Pisa. June 1983.

NAL--Q.B.--83-35. NITROGEN FIXATION IN SOYBEANS, 1979-1983. 188 citations from AGRICOLA. Searched by Jayne MacLean. June 1983.

NAL--Q.B.--83-36. SPICES: PRODUCTION, ANALYSIS, UTILIZATION, 1979-1983. 257 citations from AGRICOLA. Searched by Jayne MacLean. June 1983.

BIBLIOGRAPHIC CLEARANCES

As prescribed in 2AR82, USDA agencies, including field installations, must obtain authorization from the National Agricultural Library before beginning compilation of a bibliography. Request for clearances should be submitted to Bibliographic Clearance Officer, Educational Resources Staff, Office of the Director, National Agricultural Library, Beltsville, MD 20705 (301-344-3937).

The following proposals for bibliographies were cleared in June:

COMPUTER SIMULATION MODELING: USES IN AGRICULTURE. Maria Pisa, compiler. For further information contact author, Reference Section, National Agricultural Library, USDA, Beltsville, MD 20705.

METHOD AND MATERIALS FOR LOCATING AND STUDYING SPOTTED OWLS. Eric D. Forsman, compiler. For further information contact author, Cooperative Wildlife Research Unit, Oregon State University, Corvallis, OR 97331. 

NEW NAL PUBLICATION

Major Aquaculture, Educational and Research Associations in the United States. Compiled in conjunction with Department of Fisheries and Allied Aquaculture, Auburn University. Beltsville, MD, National Agricultural Library, U.S. Department of Agriculture, 1983. 174 p. (Bibliographies and Literature of Agriculture No. 26.) A limited number of copies are available free, while supplies last. It will also be available soon from National Technical Information Service, Springfield, VA. Copies are being distributed to all facilities listed in the publication to State Land-Grant Experiment Station Directors, to the Joint Subcommittee on Aquaculture members, to select USDA administrative and information offices, and to land-grant and major non-land-grant agricultural institutional libraries.

A return-addressed mailing label should be sent with requests to: Field & Special Programs Division, Room 300, National Agricultural Library, Beltsville, MD 20705.

AGRICOLA WORKSHOPS

Four basic level workshops have been scheduled over the next 4 months. Requests for enrollment must be received at least 2 weeks prior to the workshop dates. Reservations and inquiries may be made by telephoning (301) 344-3937.

August 1-5, 1983
University of Kentucky
Lexington, Kentucky

September 12-16, 1983
USDA South Agricultural Bldg.
Washington, D.C.

October 3-7, 1983
Alabama Agricultural & Mechanical Library
Normal, Alabama

November 14-18, 1983
USDA South Agricultural Bldg.
Washington, D.C. 



ASSOCIATES NAL, INC.

NAL ASSOCIATES ENCOURAGE GIFTS TO NAL

The Associates NAL, Inc. is encouraging its members and others to locate and/or offer suitable agriculturally-related books, photographs, and manuscript materials inclusive of account books, broadsides, diaries, business records of private agriculturally-related organizations, letters, personal papers, memoirs, remembrances, and record books, to the National Agricultural Library.

The Associates is fully supporting the efforts to expand and enrich this already recognized unique historical research collection. Early scientific materials created prior to 1870 will be especially welcomed, as well as later unique material of a definite historical and scientific significance.

International in scope, the subject range of the historical collection, although quite diverse, has strong concentrations in botany, natural history, zoology, and entomology, as well as extensive imprint literature documenting agricultural observations, experimentations and practices in England, Western Continental Europe, and America. In addition to important travel accounts by early naturalists, there is an extensive collection of pre-Linneana imprints relating to the description of plants, as well as works by or about the eminent Carl Linnaeus (1707-1778). Particularly noteworthy donated collections include: the personal papers of Julian N. Friant (1888-1939), a special assistant to Secretary Henry Wallace; the personal papers of Charles E. North (1869-1961), physician, public health officer, and agricultural scientist; the Mary Cokely Wood Japanese Classical

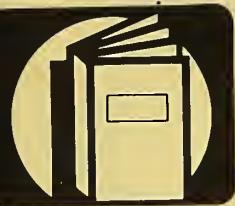
Flower Arrangement rare book collection, as well as the organizational records of the Prince Family Nursery (1779-1914), and the American Association of Agricultural College Editors (1913-present).

From the time of the first librarian on the Department roster, Aaron Burt Grosh, 1867-1869, to the present, outstanding works and collections have been donated by individual Americans and private organizations to the National Agricultural Library to be preserved and made available to scholars and researchers. In an effort to provide awareness and access, the following historical findings have already been published: Historic Books..., List No. 86, Linneana List No. 89; Historic Books. Horticulture and Forestry, List No. 90; Heritage of American Agriculture: A Bibliography of Pre-1860 Imprints List No. 98: "Heritage of Apicultural Literature...Pre-1870," Associates NAL Today, n.s., 1 (January/March 1976). Prince Family Manuscripts Collection, List No. 101; Guide to Manuscripts at NAL, Misc. No. 1374. A register for the Layne R. Beaty Manuscript Collection is in process.

Several past and present members of the Associates have made valuable donations to the historical collection. Some important ones have included: the professional library and field diaries of Dr. Charles E. Kellogg, noted soil scientist, given by his family; professional books and papers on floriculture, a gift of Dr. Truman Fossum, horticulturist, economist, and president, Marketing Facts for Floriculture, Ltd; collection of Farm Radio Scripts and memorabilia pertaining to early days of farm radio programs donated by Layne R. Beaty, long time head of USDA's radio and television program; collection of rare books dealing with poultry, given by James Gwin, poultry scientist.

Potential future donors should send a letter and descriptive list of offerings to Dr. Alan Fusonie, Historian, Historical Program, Room 301, National Agricultural Library, Beltsville, MD 20705.

The Associates NAL, Inc. welcome the support of its members in encouraging potential donors. ☺



NEW PUBLICATIONS OF NOTE

A COMPARISON OF TILLAGE SYSTEMS FOR REDUCING SOIL EROSION AND WATER POLLUTION. Lee A. Christensen and Patricia E. Norris. Washington, D.C., Natural Resource Economics Division, Economic Research Service, U.S. Department of Agriculture, 1983. 27 p. (Agricultural Economic Report No. 499.) Paper \$8.50; microfiche \$4.50. Order from National Technical Information Service, Identification Section, 5285 Port Royal Road, Springfield, VA 22161.

DEVELOPMENT IN FARM TO RETAIL PRICE SPREADS FOR FOOD PRODUCTS IN 1982. Washington, D.C., Economic Research Service, U.S. Department of Agriculture, 1983. 45 p. (Agricultural Economic Report No. 500). \$10.00 paper; \$4.50 microfiche. Order from National Technical Information Service, Identification Section, 5285 Port Royal Road, Springfield, VA 22161.

IRON CONTENT OF FOOD. Jacob Exler. Washington, D.C., Consumer Nutrition Division, Human Nutrition Information Service, U.S. Department of Agriculture, 1983. 15 p. (Home Economics Research Report No. 45.) \$2.75. Stock No. 001000-04331-5. Order from Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

LIST OF PROPRIETARY SUBSTANCES AND NONFOOD COMPOUNDS. Authorized for use under USDA Inspection and Grading Programs. This publication supersedes: "List of Chemical Compounds." Washington, D.C., Food Safety and Inspection Service, U.S. Department of Agriculture, 1983. Various pagings. (Miscellaneous Publication No. 1419.) Listings effective as of January 1, 1983. \$8.50. Stock No.

001000-04330-7. Order from Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

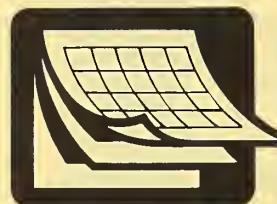
MARSH FLIES OF CALIFORNIA (DIPTERA: SCIOMYZIDAE). T. W. Fisher and R. E. Orth. Berkely, University of California Press, 1983. 117 p. (Bulletin of the California Insect Survey; V. 24.) \$23.50. ISBN 0-520-09665-7. Order from University of California Press, 2223 Fulton Street, Berkeley, CA 94720.

PINE ROOT COLLAR WEEVIL--ITS ECOLOGY AND MANAGEMENT. Washington, D.C., Forest Service, U.S. Department of Agriculture, 1983. 34 p. (Technical Bulletin No. 1675.) Free. Request from Forest Service, USDA, 3244-S, 14th & Independence Ave., S.W., Washington, D.C. 20250.

PLANNING AND STATISTICAL SYSTEMS IN CHINA'S AGRICULTURE. Francis C. Tuan and Frederick W. Crook. Washington, D.C., Economic Research Service, U.S. Department of Agriculture, 1983. 89 p. (Foreign Agricultural Economic Report No. 181.) \$5.50. Stock No. 00100-04329-3. Order from Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Microfiche copies at \$4.50 each can be purchased from National Technical Information Service, 5285 Port Royal Road, Springfield, VA 22161.

SOLAR AND WIND POWER. EPRI Conference Proceedings--1982 STATUS AND OUTLOOK. Palo Alto, Electric Power Research Institute, 1983. 270 p. \$22.00. Order from EPRI, 3412 Hillview Ave., Box 10412, Palo Alto, CA 94303.

SPAIN'S ENTRY INTO THE EUROPEAN COMMUNITY; EFFECTS ON THE FEED GRAIN AND LIVESTOCK SECTORS. E. Wesley, F. Peterson, Albert Pelach Paniker, et al. Washington, D.C., Economic Research Service, U.S. Department of Agriculture, 1983. 101 p. (Foreign Agricultural Economic Report 180.) Paper \$13.00; microfiche \$4.50 (price subject to change). Order from National Technical Information Service, Identification Section, 5285 Port Royal Road, Springfield, VA 22161. ☐



AGRICULTURE DATEBOOK

August 9-10: POULTRY SCIENCE ASSOCIATION. University of Maryland, College Park, MD. Contact: Claude J. Cruse, Exec. Sec., 309 W. Clark Street, Champaign, IL 61820.

August 14-19: SOLAR WORLD CONGRESS. Perth, Western Australia. Congress Coordinator: Solar World Congress, Perth 1983, GPO Box X2275, Perth W.A. 6001 Australia.

August 14-19: AMERICAN SOCIETY OF AGRONOMY, CROP SCIENCE SOCIETY OF AMERICA AND SOIL SCIENCE SOCIETY OF AMERICA. Annual meetings, Washington, D.C. Contact: Washington Annual Meetings, ASA, CSSA, SSSA Headquarters Office, 677 South Segoe Road, Madison WI 53711.

September 10-14: INTERNATIONAL ASSOCIATION OF FISH AND WILDLIFE AGENCIES. 73rd Annual Meeting. Red Carpet Hotel, Milwaukee, WI.

September 19-20: 7TH INTERNATIONAL INDUSTRIAL WOOD ENERGY FORUM. Nashville, TN. Contact: FPRS, 2801 Marshall Court, Madison, WI 53705.

October 2-6: PRODUCTIVITY IN THE INFORMATION AGE. Annual meeting of the American Society for Information Science. Crystal City, Arlington, VA. Contact: Edmond Sawyer, Conference Chairman, ASIS Headquarters, 1010 16th St. N.W., Washington, D.C. 20036. (202) 659-3644.

October 9-11: FAMILIES AND ENERGY; COPING WITH UNCERTAINTY. East Lansing, MI. Contact Families and Energy Conference, Lifelong Education Programs, Kellogg Center for Continuing Education, Michigan State University, East Lansing, MI 48824.

October 16-19: FOOD MARKETING INSTITUTE FALL CONFERENCE. Washington-Hilton, Washington, D.C. Contact: Michael Muldoon, Pres., 1750 K Street, STE 700, Washington, D.C. 20006.

October 19-23: AMERICAN HORTICULTURAL SOCIETY ANNUAL MEETING. Washington, D.C. Contact: Thomas W. Richardson, Exec. Dir. 7931 Boulevard Drive, Mount Vernon, VA 22121.

November 28-December 3: ENTOMOLOGICAL SOCIETY OF AMERICA. Renaissance Center, Detroit, MI. Contact: W. Darryl Hansen, Exec. Dir., 4603 Calvert Road, College Park, MD 20740.

December 4-7: AMERICAN SOCIETY FARM MANAGERS RURAL APPRAISERS. San Diego, CA; Convention Performing Arts Center. Contact: Carl O. Norberg, Exec. V.P., Box 6857, 360 S. Monroe, STE 460, Denver, CO 80206.

May 24-26, 1984: SYMPOSIUM ON THE HISTORY OF SOIL AND WATER CONSERVATION. Columbia, MO. Contact: Douglas Helms, Historian, SCS-USDA, P. O. Box 2980, Washington, D.C. 20013.

September 17-21, 1984: THIRTEENTH WORLD CONGRESS ON DISEASES OF CATTLE. Durban, Republic of South Africa. Contact: Prof. R. I. Coubrrough, Chairman, Scientific Programme Committee, P. O. Box 25333, Northcliff 2115, Republic of South Africa. 

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